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		(if known) JP 2002-188505		07/05/2002		- 5	Shibagaki		x		
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Subs	stitute for form 1449/PTO	ŀ	Application 1	Number	10/821,321					
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U.S. PATENT DOCUMENTS										
EXAMINER Cite INITIAL* No.1	Document Number		Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document		or Applicant cument			
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ay	US-5,982,295	11/09/1999		1999	Goto et al.					
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EXAMINER Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)		ication Date DD-YYYY	-YYYY Name o		ee or Applicant [*] Document	. Т			
હા	DE 4435894 A	04/1	1/1996	Telefunk	on Mic	raalaatran	(abstract only)			
	EP 0685620 A		6/1995		en Microelectron ock MFG. Co., LTD.		(abstract only)			
	EP 0846820 A		0/1998			G. Co., L1D.	(abstract only)			
	EP 1279576 A	+	9/2003			BH	(abstract only)			
				7						
EXAMINER SIGNATURE	iona Harrai		DA CO	TE NSIDERED	15 2	March 2006				
	ce considered whether or not citation is in confe	ormance w	rith MPEP 609. D	raw line through c	itation if no	t in conformance and not c	onsidered. Include			

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